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Index to recent Literature relating to American Botany

This Index is intended to include (1) Titles of all papers and books relating to American plants; (2) All papers on botanical subjects by American botanists; (3) Papers of special interest relating to physiological or morphological subjects wherever published. Botanists can aid greatly in this matter by the contribution of separates of their papers especially those published outside the usual botanical journals, such as the publications of learned societies, experiment station bulletins and reports, and journals only occasionally containing botanical matter.

The titles are reprinted monthly on standard library cards of two widths, and are sold to subscribers at the price of one cent per card.

The editors will welcome any notice of omitted titles or other suggestions relative to the greater efficiency of the Index. Address all matter relating to the Index to The Torrey Botanical Club, Columbia University, New York City.

Arthur, J. C. Cultures of Uredineae in 1899. *Bot. Gaz.* **29**: 268-276. 30 Ap. 1900.

Bailey, L. H. & Miller, W. *Cyclopedia of American Horticulture*. Vol. I. 8vo. Pp. 1-509. *f.* 1-743. New York, 1900.

Bernard, N. Sur quelques germinations difficiles. *Rev. Gen. Bot.* **12**: 108-120. 1900.

Blodgett, F. H. A Parasite upon Carnation Rust. *Bull. N. Y. Agric. Exper. Sta.* **175**: 1-13. *pl.* 1-3. Ap. 1900.

Britton, N. L. Descriptions of new North American Thorns. *Bull. N. Y. Bot. Garden*, **1**: 447-449. 1900.

Crataegus Brownii, *C. Eggertii*, *C. Porteri*, *C. occidentalis*, *C. tenuifolia*, *C. campestris*, and *C. pyriformis*, new species.

Britton, N. L. The Buttonbush a tree. *Jour. N. Y. Bot. Garden*, **1**: 54. *f.* **11**. 1900.

- Cockerell, T. D. A.** Some Plants of New Mexico. Bot. Gaz. **27**: 280, 281. 30 Ap. 1900.
- Denniston, R. H.** *Euphorbia Lathyris* L. and *Euphorbia Helioscopia* L. Pharm. Rev. **18**: 159-162. *pl.* 1, 2. Ap. 1900.
- De Vries, H.** Sur la fecondation hybride de l'endosperme chez le maïs. Rev. Gen. Bot. **12**: 129-137. *pl.* 15. 1900.
- Guignard, L.** L'appareil sexuel et la double fecondation dans les tulipes. Ann. Soc. Nat. VII. **11**: 365-387. *pl.* 9-11. 1900.
- Holm, T.** Studies in the Cyperaceae; XII. Segregates of *Carex filifolia* Nutt. Am. Jour. Sci. IV. **9**: 355-363. *f.* 1, 2, A-F. My. 1900.
Carex elynoides and *Carex oreocharis*, new names.
- Hooker, J. D.** *Cotyledon (Echeveria) Purpusii*. Curt. Bot. Mag. III. **56**: *pl.* 7713. 1 My. 1900.
Native of California.
- Jacky, E.** Die Compositen-bewohnenden Puccinien vom Typus der *Puccinia hieracii* und deren Spezialisierung. Zeitsch. für Pflanzenkr. **9**: 263-295. *f.* 1-19. 20 N. 1899; 330-346. *f.* 20-36. 4 F. 1900.
- Jenman, G. S.** *Polypodium Harrisii*. Gard. Chron. III. **27**: 241. 21 Ap. 1900.
A new species from Jamaica.
- Johannsen, W.** Das Aetherverfahren beim Fruhtreiben. 1-28. *f.* 4. Jena, 1900.
- Kennedy, P. B.** Coöperative Experiments with Grasses and Forage Plants. Bull. U. S. Dept. Agric. (Div. Agrost.) **22**: 1-86. *pl.* 1-13. 1900.
- Kuhla, T.** Die Plasmaverbindungen bei *Viscum album*, mit Berücksichtigung des Siebrohrens-systems von *Cucurbita pepo*. Bot. Zeitung. **58**: 29-58. *pl.* 3. 1900.
- Kuster, E.** Beiträge zur Kenntniss der Gallenanatomie. Flora, **87**: 117-193. *f.* 1-21. 1900.
- Lucet & Constantin.** Rhizomucor parasiticus, especes pathogene de l'homme. Rev. Gen. Bot. **12**: 81-98. *f.* 1-22. 1900.
- MacDougal, D. T.** Tube Mounts for Exhibition. Jour. N. Y. Bot. Garden, **1**: 58-60. *f.* 14. 1900.
- MacDougal, D. T., & Lloyd, F. E.** Roots and Mycorrhizas of some Monotropaceae. Bull. N. Y. Bot. Garden, **1**: 419-429. *pl.* 10-12. 1900.

- Maige, M. A.** Recherches biologiques sur les plantes rampantes. Ann. Sc. Nat. VII. **11**: 249-364. *f. 1-21*. 1900.
- Matruchot, M. L.** Sur une structure particuliere der protoplasma chez une Mucorinee, et sur une propriete generale des pigments bacteriens et fongiques. Rev. Gen. Bot. **12**: 33-60. *f. 1-25*. 1900.
- Millspaugh, C. F.** Plantae Utowanae. Part I. Field Col. Mus. **2**: 1-110. *pl. 25*. Mh. 1900.
New species in *Meliola*, *Asterella*, *Sorosporium*, *Vermicularia*, *Uredo*, *Zamia*, *Panicum*, *Cenchrus*, *Peperomia*, *Chamaecrista*, *Kraemeria*, *Caesalpinia*, *Tribulus*, *Jatropha*, *Omphalandra*, *Euphorbia*, *Abutilon*, *Malva viscus*, *Cienfuegosca*, *Turnera*, *Hydrocotyle*, *Convolvulus*, *Salvia*, *Gerardia*, *Eupatorium*, and *Porophyllum*.
- Nash, G. V.** A new *Trisetum* from Michigan. Bull. N. Y. Bot. Garden, **1**: 437. 1900.
Trisetum Brittonii.
- Nash, G. V.** Some new Grasses from the Southern States. Bull. N. Y. Bot. Garden, **1**: 429-436. 1900.
New species in *Erianthus*, *Manisuris*, *Andropogon* (4), *Paspalum* (4) and *Aristida*.
- Peirce, G. J.** The Relation of Fungus and Alga in Lichens. Am. Nat. **34**: 245-253. Ap. 1900.
- Perkins, J. R.** Monographie der Gattung Mollinedia. Engler's Bot. Jahrb. **27**: 636-683. *pl. 9, 10*. 23 F. 1900.
71 species enumerated, 4 from Mexico, 1 from Guatemala, and the remainder from South America. 44 species and 7 varieties described as new.
- Reinitzer, F.** Ueber die Eingung der Huminsubstanzen zur Ernährung von Pilzen. Bot. Zeitung. **58**: 59-73. 1900.
- Rothert, W.** Ueber Sclerotien in den Fruchten von *Melampyrum pratense*. Flora, **87**: 98-108. 1900.
- Rydberg, P. A.** An annotated Catalogue of the Flora of Montana, and the Yellowstone Park. Mem. N. Y. Bot. Garden, **1**: 1-501. *pl. 1*. 1900.
Includes descriptions of 163 new species and varieties.
- Sauvageau, C. & Davis, B. M.** Origin of the Thallus, Alternation of Generations, and the Phylogeny of *Cutleria*. Bot. Gaz. **29**: 277-280. 30 Ap. 1900.
- Schaffner, J. H.** The Nutation of *Helianthus*. Bot. Gaz. **29**: 196-200. 26 Mr. 1900. [Illust.]
- Schneck, J.** *Pteris cretica* in Illinois. Bot. Gaz. **29**: 204. 26 Mr. 1900.

- Schumann, K.** Die Cactaceae der Republik Paraguay. Monatsch. für Kakteenkunde, **9**: 132-134. 15 S. 1899; 149-154. 15 O. 1899; 164-168. 15 N. 1899; 185-188. 15 D. 1899.
New species in *Opuntia* and *Cereus*.
- Small, J. K.** The genus *Bumelia* in North America. Bull. N. Y. Bot. Garden, **1**: 437-447. 1900.
B. rufomentosa, *B. microcarpa*, *B. megacocca*, *B. cassinifolia*, and *B. lucida*, new species.
- Smith, G.** The Haustoria of the Erysipheae. Bot. Gaz. **29**: 153-184. *pl.* 11, 12. 26 Mr. 1900.
- Smith, R. W.** The Structure and Development of the Sporophylls and Sporangia of *Isoetes*. Bot. Gaz. **29**: 225-258. *pl.* 13-20. 30 Ap. 1900.
- Sturgis, W. C.** Notes on some Type-specimens of Myxomycetes in the New York State Museum. Trans. Conn. Acad. **10**: 463-490. *pl.* 60, 61. Mr. 1900.
- Sydow, H. & P.** Fungi aliquot novi a F. Stuckert in Argentina lecti. Mem. Herb. Boissier, **4**: 1, 2. 31 Ja. 1900.
7 new species in *Lemites*, *Diplodia*, *Septoria*, and *Cercospora*.
- Tammes, T.** Ueber die Verbreitung des Carotins im Pflanzenreiche. Flora, **87**: 205-247. *pl.* 1900.
- Terry, E. H.** Another Locality for *Schizaea*. Fern Bull. **8**: 36. Ap. 1900.
- Thaxter, R.** Note on Structure and Reproduction of *Compsoopogon*. Bot. Gaz. **29**: 259-267. *pl.* 21. 30 Ap. 1900.
- Thaxter, R.** Preliminary Diagnoses of new species of Laboulbeniaceae—II. Proc. Am. Acad. **35**: 409-450. Ap. 1900.
69 new species; *Monoicomyces*, *Polyascomyces*, *Limnaïomyces*, *Eucorethromyces*, *Clematomyces*, *Misgomyces* and *Euzodiomyces*, gen. nov.
- Ule, E.** *Cardamine Africana* L. in Brasilien. Engler's Bot. Jahrb. **28**: 216, 217. 9 Mr. 1900.
- Underwood, L. M.** The Ellis Collection. Jour. N. Y. Bot. Garden, **1**: 38-40. 1900.
- Ward, L. F.** Report on the Petrified Forests of Arizona. 8vo., pp. 23. Washington, 1900.
- White, D.** Relative Ages of the Kanawah and Allegheny Series as indicated by the Fossil Plants. Bull. Geol. Soc. Am. **11**: 145-178. Mr. 1900.

White, D. Report on Fossil Plants from the McAlester Coal Field, Indian Territory, collected by Messrs. Taff and Richardson in 1897. Ann. Rept. U. S. Geol. Surv. 1897-98, 19³: 457-538. *pl.* 67, 68. 1899.

New species in *Mariopteris* (3), *Sphenopteris*, *Pecopteris*, *Neuropteris* (2), *Sphenophyllum*, and *Lepidodendron*.

Williams, R. S. Forest Conditions in the Klondike. Jour. N. Y. Bot. Garden, 1: 44-46. 1900.